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1  An XMT API for generation of the MPEG-4 scene description
   YeSun Joung, Kyuheon Kim
   December 2002 MULTIMEDIA '02: Proceedings of the tenth ACM international conference on Multimedia
   Publisher: ACM
   Full text available: 🗎 pdf(135.30 KB)     Additional Information: full citation, abstract, references, index terms

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   Interactive broadcasting is now considered as a next generation broadcasting service, which covers
   territorial, mobile and wireless terminals. In interactive broadcasting, viewers not only watch the
   broadcasting programs but also pass their requirements ...

   Keywords: DOM, MPEG-4, XML, XMT

2  Interleaving media data for MPEG-4 presentations
   Jeff Boston, Michelle Kim, William Luken, Edward So, Steve Wood
   November 2003 MULTIMEDIA '03: Proceedings of the eleventh ACM international conference on
           Multimedia
   Publisher: ACM
   Full text available: 🗎 pdf(147.55 KB)     Additional Information: full citation, abstract, references, index terms

   Bibliometrics: Downloads (6 Weeks): 0,  Downloads (12 Months): 21,  Citation Count: 0

   A composite multimedia presentation may be represented by a sequence of virtual media data
   packets. An algorithm is presented for ordering these virtual media data packets so as to minimize
   the initial delay required to transfer the composite stream ...

   Keywords: MPEG-4, composite multimedia, multimedia, streaming media

3  Automatic generation of MPEG-7 compliant XML document for motion trajectory descriptor in
   sports video
   Yi Haoran, Deepu Rajan, Chia Liang-Tien
   November 2003 MMDB '03: Proceedings of the 1st ACM international workshop on Multimedia databases
   Publisher: ACM
   Full text available: 🗎 pdf(390.81 KB)     Additional Information: full citation, abstract, references, index terms

   Bibliometrics: Downloads (6 Weeks): 5,  Downloads (12 Months): 53,  Citation Count: 0

   The MPEG-7 standard is a step towards standardizing the description of multimedia content so that

quick and efficient identification of relevant content can be facilitated, together with efficient management of information. The description definition ...

Keywords: Kalman filter, MPEG-7, XML, motion blobs, motion descriptors, motion trajectory

4  Video retrieval using an MPEG-7 based inference network
Andrew Graves, Mounia Lalmas
August 2002  SIGIR '02: Proceedings of the 25th annual international ACM SIGIR conference on Research and development in information retrieval
Publisher: ACM
Full text available: pdf(220.71 KB)          Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 7,  Downloads (12 Months): 71,  Citation Count: 5

This work proposes a model for video retrieval based upon the inference network model. The document network is constructed using video metadata encoded using MPEG-7 and captures information pertaining to the structural aspects (video breakdown into shots ...

Keywords: MPEG-7, combination of evidence, inference network, structured video retrieval

5  Architecture of a quality based intelligent proxy (QBIX) for MPEG-4 videos
Peter Schojer, Laszlo Böszörmenyi, Hermann Hellwagner, Bernhard Penz, Stefan Podlipnig
May 2003  WWW '03: Proceedings of the 12th international conference on World Wide Web
Publisher: ACM
Full text available: pdf(296.15 KB)          Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 3,  Downloads (12 Months): 64,  Citation Count: 4

Due to the increasing availability and use of digital video data on the Web, video caching will be an important scaling factor in the future WWW. We propose an architecture of a video proxy cache that integrates modern multimedia and communication ...

Keywords: LRU, MPEG-4, MPEG-7, RTP, RTSP, media adaptation, media gateway, replacement, video caching, video proxy

6  MPEG-4: an object-based multimedia coding standard supporting mobile applications
Atul Puri, Alexandros Eleftheriadis
June 1998  Mobile Networks and Applications,  Volume 3 Issue 1
Publisher: Kluwer Academic Publishers
Full text available: pdf(747.80 KB)          Additional Information: full citation, abstract, references, cited by, index terms, review

Bibliometrics: Downloads (6 Weeks): 36,  Downloads (12 Months): 223,  Citation Count: 7

The ISO MPEG committee, after successful completion of the MPEG-1 and the MPEG-2 standards is currently working on MPEG-4, the third MPEG standard. Originally, MPEG-4 was conceived to be a standard for coding of limited complexity audio-visual scenes ...

7  A 2-D MPEG-4 multimedia authoring tool
D. W. Viljoen, A. P. Calitz, N. L. O. Cowley
February 2003  AFRIGRAPH '03: Proceedings of the 2nd international conference on Computer graphics, virtual Reality, visualisation and interaction in Africa
Publisher: ACM